

# Search History + Interference search

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 2    | (wafer and (alignment adj mark) and first and second and diffracted and correction and value and predetermined).clm. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/22 11:37 |
| S1    | 8    | GOO-DOO-HOON   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/22 11:31 |
| S9    | 183  | (align\$5 with mark) and diffract\$3 and vertical\$3 and oblique and wafer and position and correction               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/18 14:26 |
| S10   | 105  | S9 and overlay   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/18 14:36 |
| S12   | 96   | (first adj position) and (second adj position) and (alignment adj mark) and (correct\$ with value) and light         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/18 14:47 |
| S13   | 58   | 356/401.ccls. and diffract\$4 and first and second and position and (correction with value)                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/18 15:11 |
| S14   | 24   | 356/399-401.ccls. and scaling adj factor   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/18 15:11 |
| S15   | 0    | 356/614.ccls. and verical\$3 and oblique and correction adj value  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/18 15:18 |
| S16   | 1    | 356/614.ccls. and oblique and correction adj value   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/18 15:18 |
| S17   | 20   | 356/614.ccls. and alignment adj mark   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/18 15:29 |

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|-----|-----|--|---|----|-----|------------------|
| S18 | 52  | OTA-TOSHIYA  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/18 15:35 |
| S19 | 2   | JP-07260424\$.did.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/18 15:35 |
| S20 | 18  | ("3712740"   "4741622"  <br>"4901109"   "5272501"   "5333050"<br>  "5402205"   "5585923"  <br>"5682239"   "5684565"   "5795687"<br>  "5850279"   "6023321"  <br>"6079256"   "6100987"   "6166801"<br>  "6218200"   "6297876"  <br>"6356343").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2005/11/18 16:12 |
| S21 | 315 | x-ray and (alignment adj mark) and<br>(diffracted adj (light or beam))   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON  | 2005/11/18 16:13 |
| S22 | 87  | scatterometry and (alignment adj<br>mark)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/18 16:58 |
| S23 | 2   | ("5,906,901").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/21 11:29 |
| S24 | 3   | 430/22.ccls. and oblique and<br>(correction adj value)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/21 11:45 |
| S25 | 13  | 430/22.ccls. and (first same second<br>same beams) and (correction adj<br>value)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/21 14:39 |
| S26 | 2   | "6762421".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/21 11:57 |
| S27 | 1   | 430/22.ccls. and (first same second<br>same beams) and (correction adj<br>value) and scaling   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/21 14:40 |
| S28 | 9   | ("5798195").URPN.  | USPAT   | OR | ON  | 2005/11/21 14:43 |

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|-----|----|--|------------------------------|----|----|------------------|
| S29 | 4  | ("5906901").URPN.  | USPAT                        | OR | ON | 2005/11/21 16:09 |
| S30 | 14 | ("4826291"   "4997747"  <br>"5000573"   "5142156"   "5171999"<br>  "5238785"   "5386433"  <br>"5432603"   "5579111"   "5610718"<br>  "5734478"   "5751426"  <br>"5906901"   "Re34010").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/21 16:10 |
| S31 | 11 | ("5610718").URPN.  | USPAT                        | OR | ON | 2005/11/21 16:14 |
| S32 | 14 | ("4826291"   "4997747"  <br>"5000573"   "5142156"   "5171999"<br>  "5238785"   "5386433"  <br>"5432603"   "5579111"   "5610718"<br>  "5734478"   "5751426"  <br>"5906901"   "Re34010").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/11/21 16:30 |